

Title (en)
SPECTROMETER WITH AN LED ARRAY

Title (de)
SPEKTROMETER MIT LED-ARRAY

Title (fr)
SPECTROMÈTRE À RÉSEAU DE DIODES ÉLECTROLUMINESCENTES

Publication
EP 2198269 A2 20100623 (DE)

Application
EP 08840590 A 20081008

Priority
• EP 2008063443 W 20081008
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Abstract (en)
[origin: WO2009050081A2] The invention proposes an apparatus (110) for determining at least one optical property of a sample (112). The apparatus (110) comprises a tunable excitation light source (114; 410) for applying excitation light (122) to the sample (112). The apparatus (110) also comprises a detector (128, 130; 312) for detecting detection light (132, 136; 314) coming from the sample (112). The excitation light source (114; 410) comprises a light-emitting diode array (114) which is at least partially in the form of a monolithic light-emitting diode array (114). The monolithic light-emitting diode array (114) comprises at least three light-emitting diodes (426) each with a different emission spectrum.

IPC 8 full level
G01N 21/25 (2006.01); **G01J 1/08** (2006.01); **G01J 3/10** (2006.01); **G01J 3/44** (2006.01); **G01N 21/55** (2006.01); **G01N 21/64** (2006.01)

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G01J 3/10 (2013.01 - EP US); **G01J 3/42** (2013.01 - EP US); **G01N 21/255** (2013.01 - EP US); **G01N 21/55** (2013.01 - EP US); **G01N 21/643** (2013.01 - EP US); **G01N 21/645** (2013.01 - EP US); **G01J 3/0272** (2013.01 - EP US); **G01J 2003/104** (2013.01 - EP US); **G01N 21/0303** (2013.01 - EP US); **G01N 33/28** (2013.01 - EP US); **G01N 2021/0143** (2013.01 - EP US); **G01N 2021/0389** (2013.01 - EP US); **G01N 2021/6419** (2013.01 - EP US); **G01N 2021/6421** (2013.01 - EP US); **G01N 2021/6491** (2013.01 - EP US); **G01N 2201/0221** (2013.01 - EP US); **G01N 2201/0222** (2013.01 - EP US); **G01N 2201/0624** (2013.01 - EP US); **G01N 2201/0625** (2013.01 - EP US); **G01N 2201/0627** (2013.01 - EP US)

Citation (search report)
See references of WO 2009050081A2

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AL BA MK RS

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